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PATENT

4-27-01
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Judith E. Kimble
Robert H. Blelloch

Date: April 13, 2001

Serial No.: 09/321,987

Group Art Unit: 1632

Filed: 05/28/99

Examiner: R. Shukla

For: AGENT AND METHOD FOR
MODULATION OF CELL MIGRATION

File No.: 960296.95386

RESPONSE

Commissioner For Patents
Washington DC 20231

Dear Sir:

In response to an Office Action mailed December 13, 2000, please amend the application as follows:

In the Specification:

On page 8, delete the paragraph beginning on line 8 and ending on line 19 and insert the following paragraph:

B' Fig. 1B shows a schematic map of *C. elegans* GON-1, the location of five protein-truncating stop mutants in GON-1 and a comparison to the protein structures of the murine ADAMTS-1 protein, and the bovine procollagen-I N-proteinase (P1NP) protein. From left to right, GON-1 includes a prodomain, a metalloprotease domain, a first cysteine rich region, a thrombospondin type I motif, a second cysteine rich region, and a plurality of thrombospondin type I-like motifs. The five mutants are identified as q518 (aa591 TGG->TGA), e2551 (aa1069 TGG->TAG), e2547 (aa1229 TGG->TGA), q18 (aa1234 TGG->TAG) W->stop, and e1254 (aa1345 CGA->TGA) R->stop).